

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/002988

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C08J3/075 C08L5/08 A61K47/36

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C08J C08L A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/078760 A (LABORATOIRES GENEVRIER) 10 October 2002 (2002-10-10) page 6, line 8 – page 9, line 24 -----	1-18
X	PIERRE SORLIER ET AL.: "Relation between the degree of acetylation and the electrostatic properties of chitin and chitosan." BIOMACROMOLECULES, vol. 2, 2001, pages 765-772, XP002306956 page 766; figure 1 ----- -/-	1-6, 17, 18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

23 November 2004

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08/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SHIGEHIRO HIRANO ET AL.: "N-acetylation of chitosan and the rate of its enzymic hydrolysis" BIOMATERIALS, vol. 10, 1 October 1989 (1989-10-01), pages 574-576, XP002306957 page 574, right-hand column, paragraph 2 page 576, right-hand column, paragraph 1 -----	17-19
X	WO 03/068281 A (OCTARIS) 21 August 2003 (2003-08-21) page 8, line 30 - line 31 page 6, line 14 - line 16 -----	1-6, 17, 18
A	US 6 344 488 B1 (ABDELLATIF CHENITE ET AL.) 5 February 2002 (2002-02-05) -----	

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No  
PCT/EP2004/002988

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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US 6344488	B1	05-02-2002		CA 2212300 A1 AT 246524 T AU 724878 B2 AU 6915098 A CA 2299687 A1 WO 9907416 A1 DE 69816996 D1 DE 69816996 T2 DK 1003567 T3 EP 1003567 A1 ES 2205471 T3 JP 2001513367 T NO 20000593 A NZ 502919 A NZ 502932 A PT 1003567 T		04-02-1999 15-08-2003 05-10-2000 01-03-1999 18-02-1999 18-02-1999 11-09-2003 22-07-2004 01-12-2003 31-05-2000 01-05-2004 04-09-2001 29-03-2000 26-04-2002 20-12-2002 31-12-2003